



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/721,962	11/25/2003	Robert M. Herrin	7703.26	5936
39313	7590	11/08/2007	EXAMINER	
CARL M. NAPOLITANO, PH.D.			HARMON, CHRISTOPHER R	
ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST, P.A.			ART UNIT	PAPER NUMBER
255 SOUTH ORANGE AVE., SUITE 1401			3721	
P.O. BOX 3791				
ORLANDO, FL 32802-3791				
MAIL DATE		DELIVERY MODE		
11/08/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/721,962	HERRIN, ROBERT M.
	Examiner	Art Unit
	Christopher R. Harmon	3721

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 26 September 2007.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-58 is/are pending in the application.
 - 4a) Of the above claim(s) 20-47 is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-19 48-58 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) Notice of Informal Patent Application
- 6) Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. Claims 6-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

It is confusing and indefinite as to how the platen operable for moving between a first position and second positions (claim 1) comprises a “preselected fixed peripheral portion”. (claim 6, line 2).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-6, 8, 10-19, 48-52 and 55-56 are rejected under 35 U.S.C. 102(b) as being anticipated by Royal (US-3,978,774).

Royal discloses an apparatus comprising a platen 48 with guide plate for driving/biasing the blank downstream via drive mechanism 49; forming rails 70, a first folding arm 80 positioned proximate the distal portion of forming rail 70; compression plate 54 and fixed plate 74 (parallel to the path of the platen 48) that forms a passage therebetween; second folding arm 80 for biasing against the portion of the formed tray through the passage; in-feed conveyor 118; adhesive applicators 122 positioned upstream platen 48; opposing end rails 65; opposing edge rails 79; opposing side

folding rails 132; locking arm 88 secures the tray in the second position via drive device 86; see figures 4-8.

Regarding claim 14, there is a magazine styled frame downstream the second position; see figure 9.

Regarding claims 15-16 and 18-19, the examiner notes that expressions relating the apparatus to contents thereof during an intended operation are of no significance in determining patentability of the apparatus claim. See *ex parte Thibault*, 164 USPQ 666, 667 (Bd App. 1969). Furthermore, inclusion of material or article worked upon by a structure being claimed does not impart patentability to the claims. *In re Young*, 75 F.2d 996, 25 USPQ 69 (CCPA 1935) (as restated in *In re Otto*, 312 F.2d 937, 136 USPQ 458, 459 (CCPA 1963)). Royal presents a box blank with a multitude of fold/score lines which the folding elements fold as claimed.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 7, 9, and 53-54 are rejected under 35 U.S.C. 103(a) as being unpatentable over Royal (US-3,978,774) in view of AAPA.

Royal does not show beveled edges as claimed or a surface with depressions as claimed. The examiner already took official notice that it is well known in the art to use

beveled edges or to have a surface with depressions for reducing the frictional contacting surface in a previous office action and since applicant did not traverse the official notice assertion, this is admitted as prior art in accordance with MPEP 2144.03(c).

6. Claims 57-58 are rejected under 35 U.S.C. 103(a) as being unpatentable over Royal (US-3,978,774) in view of Official Notice.

The invention to Royal fails to disclose folding arms capable of rotation about first and second axes of rotation (perpendicularly arranged), however the examiner takes OFFICIAL NOTICE that there are well known mechanical joints (ie. a universal joint) for enabling rotational movement of elements along at least two axes. It would have been obvious to one of ordinary skill in the art to provide such a mechanical connection in the invention to Royal for rotating the folding arms out of the folding passage along a second axis (perpendicular to the first) in order to prevent interference with the advancement of the next product.

Response to Arguments

7. Applicant's arguments filed 9/26/07 have been fully considered but they are not persuasive. Note that during patent examination, the pending claims must be interpreted as broadly as their terms reasonably allow. *In re Zletz*, 893 F.2d 319, 321, 13 USPQ2d 320,322 (Fed. Cir. 1999). In determining the patentability of claims, the PTO gives claim language its broadest reasonable interpretation" consistent with the

specification and claims. *In re Morris*, 127 F.3d 1048, 1054, 44 USPQ2d 1023, 1027 (Fed. Cir. 1997). See MPEP § 904.1.

In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., the specifics of the "passage") are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). Note that Royal also defines a passage through which the blanks travel and are folded. There are multiple folding arms 80, see figure 4.

The argument that the arrangement cannot make applicant's container is not persuasive because the apparatus is not claimed with specificity to overcome the rejection. Note again that "Expressions relating the apparatus to contents thereof during an intended operation are of no significance in determining patentability of the apparatus claim." *Ex parte Thibault*, 164 USPQ 666 (Bd. App. 1969).

Regarding claim 3, the blank is considered in a non-vertical orientation, ie. horizontal; see figure 9.

Regarding claim 11, Royal provides locking arm 88.

Regarding claim 13, Royal provides a controller operable, ie. fully capable of operating, as claimed.

Regarding claim 14, the frame is considered magazine styled. Applicant has not defined the term with sufficient specificity to overcome the rejection in view of Royal.

Regarding the Applicant's Admitted Prior Art and the Restriction Requirement of 6/28/06, neither argument is timely.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher R. Harmon whose telephone number is (571) 272-4461. The examiner can normally be reached on Monday-Friday from 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi Rada can be reached on (571) 272-4467. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Christopher R Harmon
Primary Examiner
Art Unit 3721